

A. I. A. File Number 11—J

BAR LOCK **CRUSHPROOF** SIDEWALK LIGHTS

“The Sidewalk Lights which eliminate leakage, breakage and maintenance costs”

SPECIFICATION AND DETAIL ON BACK



SPECIFICATION AND DETAIL ON BACK

AMERICAN BAR LOCK COMPANY
CRUSHPROOF
SIDEWALK LIGHTS

A. I. A. File Number 11—J

BAR LOCK - CRUSHPROOF - SIDEWALK LIGHTS

BAR LOCK-CRUSHPROOF

1. PERFECT GLASS

It is almost impossible for a piece of defective glass to go into the manufacture of Bar Lock CRUSHPROOF Sidewalk Lights. Not only is the glass made out of the most resistant material, but every single piece is submitted to a polariscope resistance test before it is glazed into the cast iron shield which is then set in the concrete.

Furthermore the bottom of the glass is moulded in a form that diffuses the light to the greatest advantage.

2. LEAKPROOF MATERIAL

Bar Lock CRUSHPROOF Sidewalk Lights are guaranteed on account of the scientific way in which they are made. Each piece of glass is placed in a metal shield before being set in the concrete. A special elastic filler of tar and sulphur has been perfected for glazing the glass into the shield. This filler is melted twice before being used in order to eliminate the crystallization of the sulphur. Furthermore, in order to assure perfect adherence, the shields and the glass are maintained hot while the filler is being poured in. For this purpose heated metal tables are used.

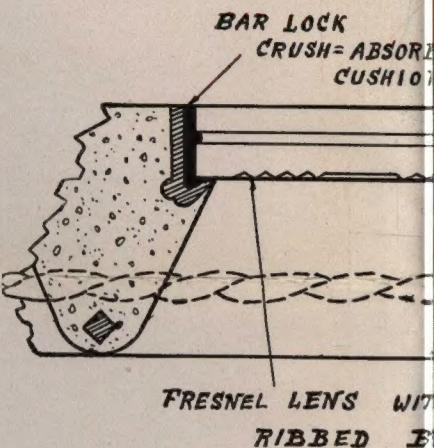


THE FIVE "STRENGTHS"

THAT ELIMINATE
AGE AND MAINTENANCE

5. CRUSHPROOF

Owing to the recent discovery of the new method of protection against the effects of temperature that break the glass — but is the ever-increasing pressure of the weather steadily increasing the strength of American Bar Lock Company's CRUSHPROOF Sidewalk Lights. The glass is protected from this crushing force by the cushioning effect of the glass contained in the shield with Bar Lock crush-absorbent. In this way 99% of the causes of breakage are eliminated.



Main Office & Factory: LONDON

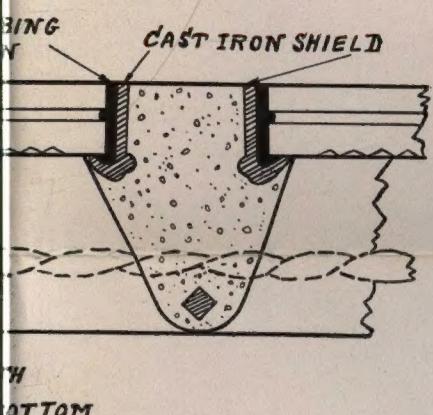
OOOF-SIDEWALK LIGHTS

WRONG POINTS"

LEAKAGE, BREAK-
ENANCE COSTS

OF PRINCIPLE

every—that it is *not* the wear
ic, nor the sudden changes
he glass in Sidewalk Lights
ing crush of the concrete
—for all concrete exposed
increases in volume—the
any has been able to create
Lights. In order to be
of the concrete, each piece
ast-iron shield that is lined
ing Elastic Cushion.
es of broken glass have been



LOCK COMPANY
PROOF
K LIGHTS

NG ISLAND CITY, N. Y.

3. SKILLED LABOR

The manufacturing and installation of Sidewalk Lights has become a highly specialized industry. It takes specialists to glaze the glasses into their metal shields, specialists to make the filler that is used for this glazing. It takes another line of specialists to build and set the forms for the reinforced concrete. Even the pouring of the concrete is much more complicated than on any other type of concrete construction. For all these particular functions the American Bar Lock Company has developed a group of very skilled workmen. This is another factor that is back of the guarantee furnished with every installation of Bar Lock **CRUSHPROOF** Sidewalk Lights.

4. EASY REPLACEMENT

Although it is extremely rare that a glass in Bar Lock **CRUSHPROOF** Sidewalk Lights becomes broken (it only happens by accident or abuse) the construction is so made that a glass can very easily and quickly be replaced as no skilled labor is required. The broken glass can very easily be removed from the cast-iron shield which remains anchored tight in the concrete. Just as easily a new piece of glass can be slipped into its place. Bar Lock Elastic Compound is then poured into the groove to make the job watertight. And to insure this replacement easier yet—the American Bar Lock Company is making a *special offer* of furnishing the glass free of charge, f.o.b. factory, during a period of five years.



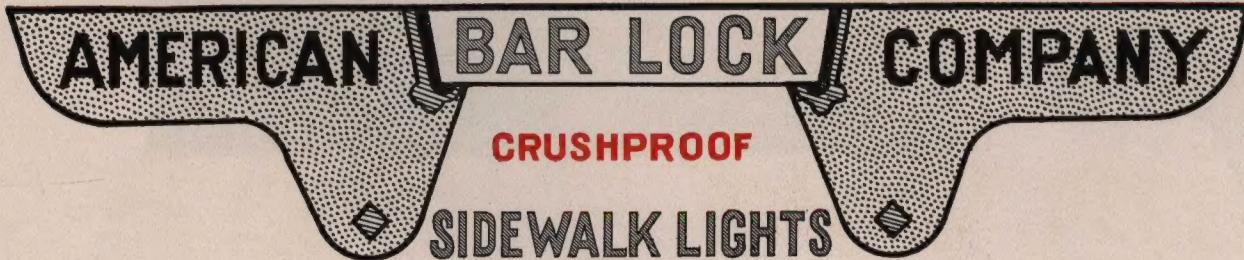
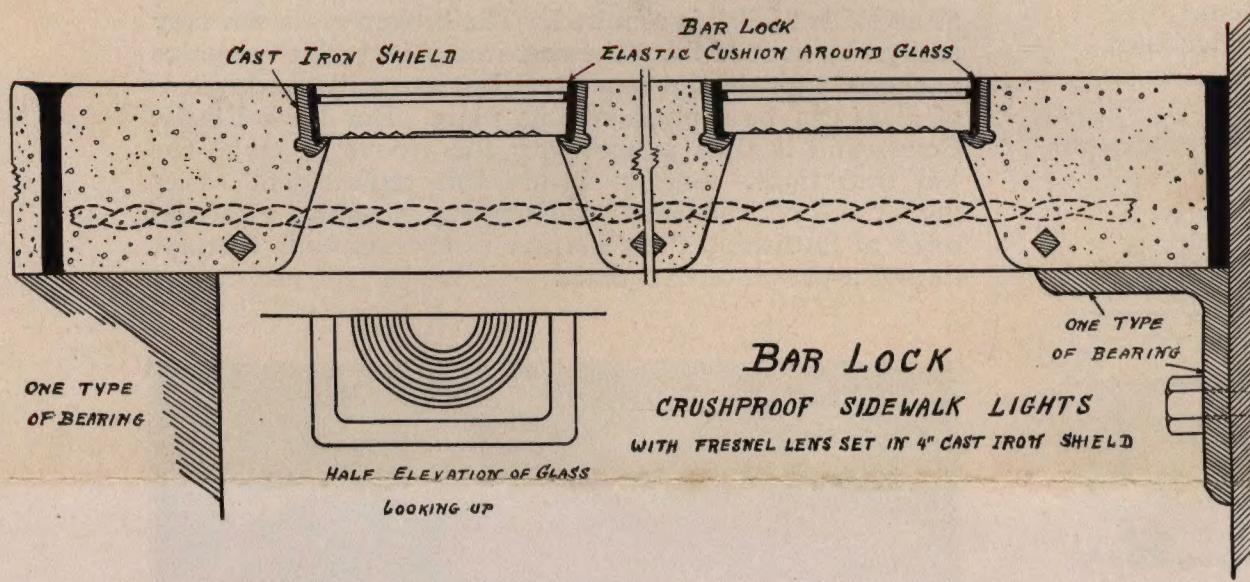
SPECIFICATION AND DETAIL ON BACK

BAR LOCK - CRUSHPROOF - SIDEWALK LIGHTS

SPECIFICATION

Bar Lock **CRUSHPROOF** Sidewalk Lights **3" Round** }
 4" Square } cast-iron
shield protected, Lazalite, polariscope-tested glass, glazed with
double heat-treated Bar Lock elastic filler, including signed guaran-
tee to furnish glass for replacement free of charge f. o. b. factory, for a
period of 5 years.

DETAIL



MAIN OFFICE & FACTORY: LONG ISLAND CITY, N. Y.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL

www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

NATIONAL
BUILDING
ARTS
CENTER

<http://web.nationalbuildingarts.org>